

EXHIBIT “A”

From: [REDACTED]@gmail.com  
Subject: Fwd: Summary of your booking  
Date: February 9, 2017 at 3:20 PM  
To: Timothy Mcilwain attorneymcilwain@me.com



Sent from my iPhone

Begin forwarded message:

From: <confirmation@alitalia.com>  
Date: November 21, 2016 at 10:22:45 AM EST  
To: [REDACTED]@gmail.com  
Subject: Summary of your booking



## ALITALIA TICKET RECEIPT

Your booking number (PNR) is:

**IPLKEC**

**OUTBOUND:** Direct

<b>31</b>	DEC 2016	<b>AZ609</b>	<b>04:55</b>	NEW YORK J.F.K. (JFK)	<b>07:10</b>	ROME FIUMICINO (FCO)
			<b>PM</b>		<b>AM</b>	
					<b>+730dd</b>	

Economy - Operated by: Alitalia

**[REDACTED]**  
1 adulto - Ticket No.: 0552330580488

Seat  
 26A

**TIMOTHY JOSEPH MCILWAIN**  
1 adulto - Ticket No.: 0552330580489

Seat  
 26C

**HUNTER DIANE MCILWAIN**  
1 neonato - Ticket No.: 0552330580490

INBOUND: Direct

01 FEB  
2017


AZ610

02:45  
PMROME  
FIUMICINO (FCO)06:35  
PMNEW YORK  
J.F.K. (JFK)

Economy - Operated by: Alitalia


~~BOOKING REFERENCE~~

1 adulto - Ticket No.: 0552330580488


 Seat  
15L

TIMOTHY JOSEPH MCILWAIN

1 adulto - Ticket No.: 0552330580489


 Seat  
15J

HUNTER DIANE MCILWAIN

1 neonato - Ticket No.: 0552330580490



Conditions of carriage for the flight Outbound - Fare: USD: 1,072.58

HAND BAGGAGE 1X8KG	✓	CHANGE BEFORE DEPARTURE	fareRules.default.change.label
HOLD BAGGAGE	1 x 23Kg	CHANGE AFTER DEPARTURE	fareRules.default.change.label
CHOICE OF SEAT	✓	REFUND BEFORE DEPARTURE	fareRules.default.refound.label
CASH & MILES	NONE	REFUND AFTER DEPARTURE	fareRules.default.refound.label
EARN MILES	✓		

Conditions of carriage for the flight Inbound - Fare: USD: 1,072.58

HAND BAGGAGE 1X8KG	✓	CHANGE BEFORE DEPARTURE	fareRules.default.change.label
HOLD BAGGAGE	1 x 23Kg	CHANGE AFTER DEPARTURE	fareRules.default.change.label
CHOICE OF SEAT	✓	REFUND BEFORE DEPARTURE	fareRules.default.refound.label
CASH & MILES	NONE	REFUND AFTER DEPARTURE	fareRules.default.refound.label
EARN MILES	✓		

TAXES	USD 273.58
2 ADULT FARE	USD 200.00
1 INFANT FARE	USD 19.00
ADDITIONAL CHARGES	USD 400.00

You have paid with mastercard



TOTAL PAID

EXHIBIT “B”

**Joanie Marie Kurland M.D.**

KurlandMD@yahoo.com

708-703-2220

675 W. 187th St. #45

New York, New York 10033

**Post-Graduate Training**

**7/1/10 - 6/29/12**

**Burn Fellowship**— Department of Surgery; Plastic Surgery (Burn Unit), Staten Island University Hospital, Staten Island, NY

- Emergency Room clinical consultant of Level I and Level II traumas
- Treatment of Level I and Level II Trauma patients in a 10-bedded Surgical Intensive Care Unit - burn victims, motor vehicle accident victims, chronic and acute wound victims (diseases ranging from, but not limited to, Necrotizing Fasciitis, Multiple Sclerosis, Toxic Epidermal Necrolysis, Pemphigus Vulgaris, Hidradenitis Suppurativa)
- Certified in placing arterial and venous catheters (without ultrasound)
- Skilled in performing bronchoscopy on patients with severe inhalation injuries
- Instructed residents, medical students and allied health professionals in office setting, intensive care unit, and operating room.
- Skilled in placing various skin grafts in operating room.
- Responsible for didactic monthly lectures

**Post -Graduate Work**

**10/15/12-2/15/13**

**Medical Science Liaison/Physician Advisor** - MediMedia, Carlstadt,NJ.  
(Aerotek)

- Provided essential scientific information about therapeutic products, including drugs and medical devices to other healthcare leaders.
- Supported providers with extensive research material which aided them in prescribing drugs to patients. Information included contra-indications, side effects, clinical study outcomes and long term risks and benefits.
- Communicated information with strict FDA - approved guidelines

**Education**

American University of the Caribbean School of Medicine  
Doctor of Medicine, June 12, 2010

University of Illinois at Chicago  
Bachelor of Science in Biology, August 2003

## **Licensure**

USMLE STEP 3 September 18th 2013  
ECFMG Certified, October 17, 2010  
USMLE STEP 2 CK, September 20, 2010  
USMLE STEP 2 CS, May 24, 2010  
USMLE STEP 1, December 10, 2007

## **Certification**

**ABLS** - Advanced Burn Life Support, certified, 6/10  
**ACLS** - Advanced Cardiac Life Support, certified, 6/10  
**BLS** - Basic Life Support, certified, 6/10

## **Research training**

**CITI - Collaborative Institutional Training Initiative**  
**North Shore-LIJ Health System-New York**  
Biomedical Research - completed 10/21/10  
Social/Behavioral Research - completed 10/24/10

## **Medical Experience/Volunteer Work**

*All Hands Volunteer; post Hurricane Sandy - 11/12.* Volunteer medic during demolition and restoration of homes.

*Internal Medicine/Geriatrics Externship, 3/08-4/08,* Optima Medical Associates with Dr. Brian Ragona, Joliet, Illinois. Performed history and physical examinations, provided clinical care and documented status of patients. Other activities included phlebotomy training, laboratory procedures and daily rounds at St. Joseph Medical Center.

*Hospice Care, 11/04-1/05,* cared for terminally ill. Monitored vital signs, assisted with hygiene routine, administered medications and documented side effects. Instructed meditation exercises daily to assist in palliative care and acceptance of death.

*Post Anesthesia Care Unit Volunteer, 7/03-9/03* Children's Memorial Hospital, Chicago, Illinois. Provided reassurance and comfort to children recovering from anesthesia, and assessed their vital signs.

EXHIBIT “C”

Emerald Medical Consulting, LLC.  
Confidential Research Material

<u>Date</u>	<u>Time</u>	<u>Amount</u>	<u>Detail</u>
11/2/13	0.65	162.5	De Beaumont L, Lassonde M, Leclerc S, Theoret H. Long-term and cumulative effects of sports concussion on motor cortex inhibition. Neurosurgery 2007b;61:329-36. discussion 336-7.
11/12/13	0.56	140	Burke SN, Barnes CA. Neural plasticity in the ageing brain. Nat Rev Neurosci. 2006;7:30-40.
11/14/13	0.4	100	Centers for Disease Control (CDC) Sports-related recurrent brain injuries-United States. MMWR. 1997;46:224-227
11/15/13	0.3	75	Concussions Exact Toll on Football Players Long After They Retire A leading researcher discusses how on-the-field head injuries can lead to neurological disorders in players even after they hang up their cleats September 2, 2008  By Adam Hadhazy <a href="http://www.scientificamerican.com/article/football-concussions-felt-long-after-retirement">http://www.scientificamerican.com/article/football-concussions-felt-long-after-retirement</a>
11/18/13	0.74	185	Miller LP, Lyeth BG, Jenkins LW, et al. Excitatory amino acid receptor subtype binding following traumatic brain injury. Brain Res. 1990;526:103-107.
11/19/13	0.5	125	Dupuis F, Johnston KM, Lavoie M, Lepore F, Lassonde M. Concussions in athletes produce brain dysfunction as revealed by event-related potentials. Neuroreport 2000;11:4087-92.
11/20/13	0.45	112.5	American Academy of Neurology Practice. Practice parameter: the management of concussion in sports (summary statement). Report of the Quality Standards Subcommittee. Neurology 1997;48:581-5
11/20/13	0.76	190	Braekhus A, Laake K, Engedal K. A low, 'normal' score on the Mini-Mental State Examination predicts development of dementia after three years. J Am Geriatr Soc 1995;43:656-61
11/22/13	0.6	150	Hagel B, Meeuwisse W. Risk compensation: a "side effect" of sport injury prevention? Clin J Sport Med 2004; 14:193.
11/22/13	0.5	125	Barth J, Alves W, Ryans T, Macchiocchi S, Rimel R, Jane J, et al. Mild head injury in sports: neuropsychological sequelae and recovery of function. J Cogn Neurorehab 1989;26:451-78
11/22/13	0.89	222.5	Broglia SP, Pontifex MB, O'Connor P, Hillman CH. The persistent effects of concussion on neuroelectric indices of attention. J Neurotrauma. 2009;26:1463-70.
11/22/13	0.5	125	Fu K, Smith ML, Thomas S, Hovda DA. Cerebral concussion produces a state of vulnerability lasting for as long as 5 hoursJ Neurotrauma. 1992;9:59.
11/24/13	0.65	162.5	Mata M, Staple J, Fink DJ. Changes in intra-axonal calcium distribution following nerve crush. J Neurobiol. 1986;17:449-467.
11/25/13	0.42	105	Research and Review. Cerebral concussion in athletes: evaluation and neuropsychological testing. Neurosurgery. 2000;47:659-669
11/25/13	3.2	800	Research. Review, Discuss, Riddell Helmet, History and progress. <a href="http://www.riddell.com/history">Http://www.riddell.com/history</a>
11/25/13	0.35	87.5	Stevens MA, Phelps WM. The Control of Football Injuries. New York, NY: A.S. Barnes Inc; 1933.
11/25/13	0.87	217.5	Borenstein AR, Copenhaver CI, Mortimer JA. Early-life risk factors for Alzheimer disease. Alzheimer Dis Assoc Disord 2006;20:63-72
11/26/13	0.25	62.5	Research and Review High School concussion incidents. 2011, Idaho Priest River Lasmanna High School student on life support after immediately returning to game after injury
11/26/13	0.25	62.5	Maddocks D, Dicker G. An objective measure of recovery from concussion in Australian rules footballers. Sport Health. 1989;7(Supplement):6-7
11/26/13	0.8	200	Barth J, Alves W, Ryans T, Macchiocchi S, Rimel R, Jane J, et al. Mild head injury in sports: neuropsychological sequelae and recovery of function. J Cogn Neurorehab 1989;26:451-78

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11/26/13	1.2	300	Motor system alterations in retired former athletes: the role of aging and concussion history Louis De Beaumont, Sébastien Tremblay, Luke C Henry, Judes Poirier, Maryse Lassonde, Hugo Théoret BMC Neurol. 2013; 13: 109. Published online 2013 August 26. doi: 10.1186/1471-2377-13-109 PMCID: PMC3765614
11/27/13	0.35	87.5	Research and Discuss Consensus Statement on Concussion in Sport 4th International Conference on Concussion in Sport Held in Zurich, November 2012
11/28/13	0.4	100	Sport-Related Concussion: A Call for Evidence and Perspective Amidst the Alarms Kirkwood, Michael W.; Randolph, Christopher; Yeates, Keith O. Clinical Journal of Sport Medicine. 22(5):383-384, September 2012.
11/28/13	0.54	135	Evans, RW. The postconcussion syndrome and the sequelae of mild head injury. In: Neurology and Trauma, 2nd ed, Evans, RW (Ed), Oxford, New York 2006. p.95.
11/29/13	0.5	125	Neuropsychological Testing and Concussions: A Reasoned Approach Shrier, Ian Clinical Journal of Sport Medicine. 22(3):211-213, May 2012.
11/29/13	0.8	200	Dickson DW. Neuropathology of non-Alzheimer degenerative disorders. Int J Clin Exp Pathol. 2009;3(1):1-23
11/30/13	0.25	62.5	Research and Review Investigating baseline neurocognitive performance between male and female athletes with a history of multiple concussion Tracey Covassin, Robert Elbin, Anthony Kontos, Elizabeth Larson J Neurol Neurosurg Psychiatry 2010;81:6 597-601 doi:10.1136/jnnp.2009.193797
12/1/13	0.4	100	McCrory P, Johnston K, Meeuwisse W, Aubry M, Cantu R, Dvorak J, et al. Summary and agreement statement of the 2nd International Conference on Concussion in Sport, Prague 2004. British journal of sports medicine. 2005 Apr;39(4):196-204
12/3/13	0.3	75	Research and Review Neuropsychiatry Review: Effort, exaggeration and malingering after concussion Jonathan M Silver J Neurol Neurosurg Psychiatry 2012;83:8 836-841 Published Online First: 13 June 2012 doi:10.1136/jnnp-2011-302078
12/3/13	0.45	112.5	Conference with Dr. Rod Mafouz, psychiatrist re: latent behavioral effects of TBI
12/4/13	0.25	62.5	Ropper A, Gorson H. Concussion. N Engl J Med. 2007;356:166-172
12/4/13	0.3	75	Research and Discuss Consensus Statement on Concussion in Sport 3rd International Conference on Concussion in Sport Held in Zurich, November 2008
12/4/13	0.3	75	Research and Discuss Sideline Preparedness for the Team Physician: A Consensus Statement (2012)
12/4/13	0.45	112.5	Martland, HS. Punch-drunk. JAMA 1928; 19:1103.
12/4/13	1.2	300	Gosselin N, Theriault M, Leclerc S, Montplaisir J, Lassonde M. Neurophysiological anomalies in symptomatic and asymptomatic concussed athletes. Neurosurgery 2006;58:1151-61. discussion 1151-61
12/5/13	1.3	325	Research and Review NCAA: founding principles to protect student athletes. Contracts, implemental guidelines
12/5/13	0.68	170	Pettus EH, Christman CW, Giebel ML, Povlishock JT. Traumatically induced altered membrane permeability: its relationship to traumatically induced reactive axonal change. J Neurotrauma. 1994;11:507-522
12/6/13	0.4	100	Saunders R, Harbaugh R. The second impact in catastrophic contact-sports head trauma. JAMA. 1984;252:538-539.
12/6/13	0.32	80	Herring S, Bergfeld J, Boland A, Boyajian-O'Neill L, Cantu R, Hershman E, et al. Concussion (mild traumatic brain injury) and the team physician: a consensus statement. Medicine and science in sports and exercise. 2006 Feb;38(2):395

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12/7/13	0.25	62.5	Cantu RC. Second impact syndrome. Clin Sports Med. 1998;17:37–44.
12/11/13	1.2	300	Jordan BD, Relkin NR, Ravdin LD, et al. Apolipoprotein E epsilon4 associated with chronic traumatic brain injury in boxing. JAMA 1997; 278:136.
12/12/13	0.4	100	Research Pat LaFontaine figureadpress.com
12/13/13	0.25	62.5	Research '97 Modified SCAT 2 test. Allen Muir 11/25/13 SI.com
12/13/13	1	250	Omali BI, DeKosky ST, Minster RL, Kamboh MI, Hamilton RL, Wecht CH. Chronic traumatic encephalopathy in a National Football League player. Neurosurgery. 2005 Jul;57(1):128-34; discussion -34
12/13/13	1.7	425	Thomassen A, Juul-Jensen P, de Fine Olivarius B, Braemer J, Christensen A. Neurological, electroencephalographic and neurocognitive examination of 53 former amateur boxers. Acta Neurol Scand. 1979;60(6):352–362
12/14/13	0.7	175	Miller JJ. The Big Scrum: How Teddy Roosevelt Saved Football. New York, NY: HarperCollins; 2011.
12/14/13	1.2	300	Danzig A. The History of American Football. Englewood Cliffs, NJ: Prentice-Hall; 1956
12/14/13	1.5	375	Mueller FO, Cantu RC. Football Fatalities and Catastrophic Injuries, 1931-2008. Durham, NC: Carolina Academic Press; 2011.
12/14/13	0.43	107.5	Longhi L, Saatman KE, Fujimoto S, et al. Temporal window of vulnerability to repetitive experimental concussive brain injury. Neurosurgery. 2005 Feb;56(2):364-74
12/14/13	0.7	175	Allen GV, Gerami D, Esser MJ. Conditioning effects of repetitive mild neurotrauma on motor function in an animal model of focal brain injury. Neuroscience. 2000;99:93–105.
12/15/13	0.4	100	Wall S.E, Williams W.H, Cartwright-Hatton S, et al. Neuropsychological dysfunction following repeat concussions in jockeys. J Neurol Neurosurg Psychiatry. 2006;77(4):518–520
12/15/13	0.25	62.5	Iverson G.L, Brooks B.L, Lovell M.R, Collins M.W. No cumulative effects for one or two previous concussions. Br J Sports Med. 2006;40(1):72–75.
12/15/13	0.25	62.5	. Broglio S.P, Ferrara M.S, Piland S.G, Anderson R.B, Collie A. Concussion history is not a predictor of computerised neurocognitive performance. Br J Sports Med. 2006;40(9):802–805.
12/15/13	0.78	195	Etgen T, Sander D, Bickel H, Forstl H. Mild cognitive impairment and dementia: the importance of modifiable risk factors. Dtsch Arztebl Int. 2011;108:743–50
12/15/13	0.87	217.5	Clin Sports Med. 2011 Jan;30(1):33-48, vii-iii. doi: 10.1016/j.csm.2010.09.001. The molecular pathophysiology of concussive brain injury. Barkhoudarian G1, Hovda DA, Giza CC.
12/15/13	0.76	190	Collie A, McCrory P, Makdissi M. Does history of concussion affect current cognitive status? Br J Sports Med. 2006 Jun;40(6):550–551
12/16/13	0.8	200	Gray C, Cantagallo A, Della Sala S, Basaglia N. Bradykinesia and bradyphrenia revisited: patterns of subclinical deficit in motor speed and cognitive functioning in head-injured patients with good recovery. Brain Inj 1998;12:429-41
12/16/13	1	250	Guo Z, Cupples LA, Kurz A, Auerbach SH, Volicer L, Chui H, et al. Head injury and the risk of AD in the MIRAGE study. Neurology 2000;54:1316-23.
12/17/13	0.98	245	Kasai M, Meguro K, Hashimoto R, Ishizaki J, Yamadori A, Mori E. Non-verbal learning is impaired in very mild Alzheimer's disease (CDR 0.5): normative data from the learning version of the Rey-Osterrieth complex figure test. Psychiatry Clin Neurosci 2006;60:139-46
12/17/13	1.2	300	Gavett BE, Stern RA, McKee AC. Chronic traumatic encephalopathy: a potential late effect of sport-related concussive and subconcussive head trauma. Clin J Sport Med. 2011;30:179–88.
12/19/13	0.8	200	Bailes JE, Cantu RC. Head injury in athletes. Neurosurgery. 2001;48(1):26–45
12/19/13	0.1	25	Lamb DR. "Sports Medicine"—what is it? Sports Med Bull. 1981;16:2–3

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12/20/13	0.4	100	Paniak C, Reynolds S, Phillips K, et al. Patient complaints within 1 month of mild traumatic brain injury: a controlled study. Arch Clin Neuropsychol 2002; 17:319.
12/20/13	0.56	140	Lindsay J, Laurin D, Verreault R, Hebert R, Helliwell B, Hill GB, et al. Risk factors for Alzheimer's disease: a prospective analysis from the Canadian Study of Health and Aging. Am J Epidemiol 2002;156:445-53
12/21/13	0.22	55	Research and review neuropsychological dysfunction following repeat concussions in jockeys S E Wall, W H Williams, S Cartwright-Hatton, T P Kelly, J Murray, M Murray, A Owen, M Turner J Neurol Neurosurg Psychiatry 2006;77:4 518-520 doi:10.1136/jnnp.2004.061044
12/22/13	0.53	132.5	Boden BP, Tacchetti RL, Cantu RC, Knowles SB, Mueller FO. Catastrophic head injuries in high school and college football players. Am J Sports Med. 2007;35:1075-1081.
12/22/13	0.56	140	Wetjen NM, Pichelmann MA, Atkinson JL. Second impact syndrome: concussion and second injury brain complications. J Am Coll Surg 2010; 211:553.
12/22/13	1.5	375	Wang HK, Lin SH, Sung PS, et al. Population based study on patients with traumatic brain injury suggests increased risk of dementia. J Neurol Neurosurg Psychiatry 2012; 83:1080.
12/22/13	1.2	300	Mortimer JA, French LR, Hutton JT, Schuman LM. Head injury as a risk factor for Alzheimer's disease. Neurology 1985;35:264-7.
12/22/13	0.8	200	Giza CC, Hovda DA. The neurometabolic cascade of concussion. J Athl Train. 2001;36:228-35.
12/22/13	1.2	300	Changes in cortical plasticity after mild traumatic brain injury. Bashir S, Vernet M, Yoo WK, Mizrahi I, Theoret H, Pascual-Leone A. Restor Neurol Neurosci. 2012;30(4):277-82. doi: 10.3233/RNN-2012-11020
1/2/14	0.6	150	Zemper E.D. Two-year prospective study of relative risk of a second cerebral concussion. Am J Phys Med Rehabil. 2003;82(9):653-659
1/3/14	1.2	300	Schneider RC. Head and Neck Injuries in Football: Mechanisms, Treatment, and Prevention. Baltimore, MD: Williams & Wilkins; 1973.
1/3/14	1.4	350	Metabolic changes in concussed American football players during the acute and chronic post-injury phases. Henry LC, Tremblay S, Leclerc S, Khiat A, Boulanger Y, Ellemberg D, Lassonde M. BMC Neurol. 2011 Aug 23;11:105. doi: 10.1186/1471-2377-11-10
1/4/14	0.55	137.5	Research and review Cognition in the days following concussion: comparison of symptomatic versus asymptomatic athletes A Collie, M Makdissi, P Maruff, K Bennell, P McCrory J Neurol Neurosurg Psychiatry 2006;77:2 241-245 doi:10.1136/jnnp.2005.073155
1/4/14	1.3	325	Squire LR, Zola SM. Structure and function of declarative and nondeclarative memory systems. Proc Natl Acad Sci USA 1996;93:13515-22.
1/5/14	0.5	125	Research and Discuss AMSSM Concussion in Sport
1/5/14	0.45	112.5	Torg JS. Problems and prevention. In: Torg JS, ed. Athletic Injuries to the Head, Neck, and Face. Philadelphia, PA: Lea & Febiger; 1982:3-13.
1/10/14	0.5	125	Gronwall D, Wrightson P. Delayed recovery of intellectual function following minor head injury. Lancet. 1974;2(7881):605-609
1/10/14	0.87	217.5	Ward AA Jr. The physiology of concussion. Clin Neurosurg 1964;12:95-111.
1/11/14	0.5	125	Tegner Y, Lorentzon R. Concussion among Swedish elite ice hockey players. Br J Sports Med. 1996;30(3):251-255
1/12/14	1.2	300	Autti T, Spila L, Autti H, Salonen O. Brain lesions in players of contact sports. Lancet. 1997;349(9059):1144
1/12/14	1.35	337.5	Measurement of head impacts in collegiate football players: clinical measures of concussion after high- and low-magnitude impacts. McCaffrey MA, Mihalik JP, Crowell DH, Shields EW, Guskiewicz KM. Neurosurgery. 2007 Dec;61(6):1236-43; discussion 1243

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1/12/14	0.3	75	The Helmet That Can Save Football By Tom Foster <a href="http://www.popsoci.com/science/article/2013-08/helmet-wars-and-new-helmet-could-protect-us-all">http://www.popsoci.com/science/article/2013-08/helmet-wars-and-new-helmet-could-protect-us-all</a>
1/13/14	0.3	75	McCrory P, Johnson K, Meeuwisse W, et al. Summary and agreement statement of the Second International Conference on concussion in sport, Prague 2004. Clin J Sport Med. 2005;15:48–55.
1/13/14	0.53	132.5	Sport-related concussion: factors associated with prolonged return to play. Asplund CA, McKeag DB, Olsen CH. Clin J Sport Med. 2004 Nov;14(6):339-43. PMID: 15523205
1/14/14	0.85	212.5	[Amnesia and responsibility following brain concussion. A study of 70 patients]. Lutz FU, Voigt C. Z Rechtsmed. 1986;97(1):69-74. German. PMID: 3776357
1/14/14	0.56	140	Early prediction of persisting post-concussion symptoms following mild and moderate head injuries. King NS, Crawford S, Wenden FJ, Caldwell FE, Wade DT. Br J Clin Psychol. 1999 Mar;38 ( Pt 1):15-25
1/14/14	1.32	330	Review: Contact sport-related chronic traumatic encephalopathy in the elderly: clinical expression and structural substrates. Costanza A, Weber K, Gandy S, Bouras C, Hof PR, Giannakopoulos P, Canuto A. Neuropathol Appl Neurobiol. 2011 Oct;37(6):570-84. doi: 10.1111/j.1365-2990
1/14/14	0.65	162.5	An overview of the basic science of concussion and subconcussion: where we are and where we are going. Dashnaw ML, Petraglia AL, Bailes JE. Neurosurg Focus. 2012 Dec;33(6):E5: 1-9. doi: 10.3171/2012.10.FOCUS12284. Review.
1/15/14	1.7	425	Guskiewicz K.M, Marshall S.W, Bailes J, et al. Association between recurrent concussion and late-life cognitive impairment in retired professional football players. Neurosurgery. 2005;57(4):719–726.
1/15/14	0.8	200	Immediate post-concussion assessment and cognitive testing (ImPACT) practices of sports medicine professionals. Covassin T, Elbin RJ 3rd, Stiller-Ostrowski JL, Kontos AP. J Athl Train. 2009 Nov-Dec;44(6):639-44. doi: 10.4085/1062-6050-44.6.639. PMID: 19911091
1/15/14	1.3	325	Killam C, Cautin RL, Santucci AC. Assessing the enduring residual neuropsychological effects of head trauma in college athletes who participate in contact sports. Arch Clin Neuropsychol. 2005 Jul;20(5):599–611.
1/18/14	1.3	325	Impaired cognitive functions in mild traumatic brain injury patients with normal and pathologic magnetic resonance imaging. Kurca E, Sivák S, Kucera P. Neuroradiology. 2006 Sep;48(9):661-9. Epub 2006 Jun 20. PMID: 16786351
1/20/14	2.4	600	Post-concussional symptoms, financial compensation and outcome of severe blunt head injury. McKinlay WW, Brooks DN, Bond MR. J Neurol Neurosurg Psychiatry. 1983 Dec;46(12):1084-91. PMID: 6663307
1/20/14	0.5	125	Parker TM, Osternig LR, Van Donkelaar P, Chou LS. Gait stability following concussion. Med Sci Sports Exerc 2006;38:1032-40

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1/20/14	1.3	325	Effect of concussion on clinically measured reaction time in 9 NCAA division I collegiate athletes: a preliminary study. Eckner JT, Kutcher JS, Richardson JK. PM R. 2011 Mar;3(3):212-8. doi: 10.1016/j.pmrj.2010.12.003..2011.01186.x. Review.
1/22/14	1.28	320	Effect of mild brain injury on an instrumented agility task. Johnson PD, Hertel J, Olmsted LC, Denegar CR, Putukian M. Clin J Sport Med. 2002 Jan;12(1):12-7. PMID: 11854583
1/22/14	0.86	215	Baugh CM, Stamm JM, Riley DO, et. al. Chronic traumatic encephalopathy: neurodegeneration following repetitive concussive and subconcussive brain trauma. Brain Imaging Behav. 2012 Jun;6(2):244-54.
1/23/14	1.8	450	Return of memory and sleep efficiency following moderate to severe closed head injury. Makley MJ, Johnson-Greene L, Tarwater PM, Kreuz AJ, Spiro J, Rao V, Celnik PA. Neurorehabil Neural Repair. 2009 May;23(4):320-6. doi: 10.1177/1545968308325268. Epub 2009 Jan 26. 79.
1/25/14	1.2	300	Guskiewicz KM, McCrea M, Marshall SW, et. al. Cumulative effects associated with recurrent concussion in collegiate football players: the NCAA Concussion Study. JAMA. 2003 Nov 19;290(19):2549-55
1/26/14	1.24	310	Posttraumatic amnesia, post-concussional symptoms and accident neurosis. Guthkelch AN. Eur Neurol. 1980;19(2):91-102. PMID: 7389758
1/27/14	1.4	350	Does loss of consciousness predict neuropsychological decrements after concussion? Lovell MR, Iverson GL, Collins MW, McKeag D, Maroon JC. Clin J Sport Med. 1999 Oct;9(4):193-8. PMID: 10593212
1/27/14	0.45	112.5	Standard regression-based methods for measuring recovery after sport-related concussion. McCrea M, Barr WB, Guskiewicz K, Randolph C, Marshall SW, Cantu R, Onate JA, Kelly JP. J Int Neuropsychol Soc. 2005 Jan;11(1):58-69.
1/27/14	1.42	355	Long-term neuropsychological outcome after traumatic brain injury. Millis SR, Rosenthal M, Novack TA, Sherer M, Nick TG, Kreutzer JS, High WM Jr, Ricker JH. J Head Trauma Rehabil. 2001 Aug;16(4):343-55. PMID: 11461657
2/1/14	1	250	Rose F. The history of cerebral trauma. In: Evans R, ed. Neurology and Trauma. Philadelphia, PA: Saunders; 1996.
2/1/14	1.3	325	Acute stress response: a comparison of head injured and non-head injured patients. Bryant RA, Harvey AG. Psychol Med. 1995 Jul;25(4):869-73.
2/2/14	0.4		Centers for Disease Control (CDC) Sports-related recurrent brain injuries-United States. MMWR. 1997;46:224-227.
2/3/14	0.4	100	Meaney DF, Smith DH. Biomechanics of concussion. Clin Sports Med. 2011;30(1):19-31, vii.
2/3/14	0.9	225	Courville CB. Commotio Cerebri: Cerebral Concussion and the Postconcussion Syndromes in Their Medical and Legal Aspects. Los Angeles, CA: San Lucas Press; 1953

Emerald Medical Consulting, LLC.  
Confidential Research Material

2/3/14	1.7	425	. Iverson G.L, Gaetz M, Lovell M.R, Collins M.W. Cumulative effects of concussion in amateur athletes. Brain Inj. 2004;18(5):433–443
2/3/14	1.3	325	Gaetz M, Goodman D, Weinberg H. Electrophysiological evidence for the cumulative effects of concussion. Brain Inj. 2000;14(12):1077–1088.
2/3/14	0.25	62.5	Brain. 2009 Mar;132(Pt 3):695-708. doi: 10.1093/brain/awn347. Epub 2009 Jan 28. Brain function decline in healthy retired athletes who sustained their last sports concussion in early adulthood. De Beaumont L1, Théoret H, Mongeon D, Messier J, Leclerc S, Tremblay S, Ellemberg D, Lassonde M.
2/4/14	0.25	62.5	Guskiewicz KM, Bruce SL, Cantu RC, Ferrara MS, Kelly JP, McCrea M, et al. National Athletic Trainers' Association Position Statement: Management of Sport-Related Concussion. Journal of athletic training. 2004 Sep;39(3):280-97
2/4/14	0.4	100	American Medical Society for Sports Medicine position statement: concussion in sport Br. J. Sports. Med. January 1, 2013 47 15-26
2/4/14	0.23	57.5	Scientific American (February 2012), 306, 66-71 Published online: 17 January 2012   doi:10.1038/scientificamerican0212-66 The Collision Syndrome Jeffrey Bartholet
2/5/14	0.75	187.5	Research and review Dr. Kutucher: Michigan based neurologist, director of NBA concussion program, director of Michigans Neuro Sport Program
2/5/14	1.8	450	Research and Review Players in NHL: Chris Pager - Flyers, Marc Svard - Bruins, Eric Lindos - Flyers/Rangers, Brett Lindois, Islanders, Pat LaFontaine Islandrs, Scott Stevens, Islanders, Mike Richter, Rangers, Matthew Bourdy - Dallas
2/5/14	1	250	McCrea M, Guskiesicz KM, Marshall SW, et al. Acute effects and recovery time following concussion in collegiate football players: the NCAA Concussion Study. Jama. 2003;290(19):2556-2563.
2/5/14	0.85	212.5	Collins M.W, Lovell M.R, Iverson G.L, Cantu R.C, Maroon J.C, Field M. Cumulative effects of concussion in high school athletes. Neurosurgery. 2002;51(5):1175–1179
2/7/14	0.3	75	Jordan BD, Zimmermann RD. Computed tomography and magnetic resonance imaging comparisons in boxers. JAMA. 1990;263:1670–1674.
2/9/14	0.56	140	Chronic traumatic encephalopathy: the dangers of getting "dinged". Lakhan SE, Kirchgessner A. Springerplus. 2012 Mar 12;1:2. doi: 10.1186/2193-1801-1-2. eCollection 2012.
2/10/14	1.45	362.5	Assessing the enduring residual neuropsychological effects of head trauma in college athletes who participate in contact sports. Killam C, Cautin RL, Santucci AC. Arch Clin Neuropsychol. 2005 Jul;20(5):599-611.
2/10/14	0.75	187.5	Considerations for return-to-play and retirement decisions after concussion. Cantu RC, Register-Mihalik JK. PM R. 2011 Oct;3(10 Suppl 2):S440-4. doi: 10.1016/j.pmrj.2011.07.013. Review.
2/10/14	0.92	230	Repetitive mild brain trauma accelerates Abeta deposition, lipid peroxidation, and cognitive impairment in a transgenic mouse model of Alzheimer amyloidosis. Uryu K, Laurer H, McIntosh T, Praticò D, Martinez D, Leight S, Lee VM, Trojanowski JQ. J Neurosci. 2002 Jan 15;22(2):446-54.
2/11/14	1.2	300	Permanent post-concussion symptoms after mild head injury. King NS, Kirwilliam S. Brain Inj. 2011;25(5):462-70. doi: 10.3109/02699052.2011.558042
2/12/14	0.25	62.5	McCrorry P, Berkovic S, Cordner S. Deaths due to brain injury among footballers in Victoria, from 1968 to 1998. Med J Aust. 2000;172:217–220.

Emerald Medical Consulting, LLC.  
Confidential Research Material

2/12/14	1.2	300	Pathophysiology of sports-related concussion: an update on basic science and translational research. Giza CC, Difiori JP. Sports Health. 2011 Jan;3(1):46-51
2/13/14	0.3	75	McIntosh AS, McCrory P. Impact energy attenuation performance of football headgear. Br J Sports Med 2000; 34:337.
2/13/14	1.23	307.5	On-field predictors of neuropsychological and symptom deficit following sports-related concussion. Collins MW, Iverson GL, Lovell MR, McKeag DB, Norwig J, Maroon J. Clin J Sport Med. 2003 Jul;13(4):222-9. PMID: 12855924
2/13/14	2.25	562.5	Long-term consequences: effects on normal development profile after concussion. Daneshvar DH, Riley DO, Nowinski CJ, McKee AC, Stern RA, Cantu RC. Phys Med Rehabil Clin N Am. 2011 Nov;22(4):683-700, ix. doi: 10.1016/j.pmr.2011.08.009. Epub 2011 Sep 23. Review. PMID: 2205094
2/14/14	0.7	175	Killam C, Cautin R.L, Santucci A.C. Assessing the enduring residual neuropsychological effects of head trauma in college athletes who participate in contact sports. Arch Clin Neuropsychol. 2005;20(5):599-611.
2/15/14	1	250	Cantu RC. Recurrent athletic head injury: risks and when to retire. Clin Sports Med. 2003;22:593-603
2/15/14	1.65	412.5	Evaluation of neuropsychological domain scores and postural stability following cerebral concussion in sports. Peterson CL, Ferrara MS, Mrazik M, Piland S, Elliott R. Clin J Sport Med. 2003 Jul;13(4):230-7.
2/16/14	1.3	325	Bombardier CH, Fann JR, Temkin NR, Esselman PC, Barber J, Dikmen SS. Rates of major depressive disorder and clinical outcomes following traumatic brain injury. JAMA. 2010 May 19;303(19):1938-1945.
2/17/14	1.2	300	The contribution of pre-existing depression to the acute cognitive sequelae of mild traumatic brain injury. Preece MH, Geffen GM. Brain Inj. 2007 Aug;21(9):951-61. PMID: 17729048
2/19/14	0.42	105	Lovell MR, Collins MW, Iverson GL, et al. Recovery from mild concussion in high school athletes. Journal of Neurosurgery. 2003;98:296-301.
2/20/14	0.25	62.5	Withnall C, Shewchenko N, Wonnacott M, Dovrak J. Effectiveness of headgear in football. Brit J Sports Med. 2005;39(Suppl1):i40-i48.
2/20/14	0.25	62.5	Schwarz A. As Injuries Rise, Scant Oversight of Helmet Safety. New York Times. 10/20/10. <a href="http://www.nytimes.com/2010/10/21/sports/football/21helmets.html?pagewanted=1&amp;_r=1&amp;sq=sports%20and%20concussion&amp;st=cse&amp;scp=27">http://www.nytimes.com/2010/10/21/sports/football/21helmets.html?pagewanted=1&amp;_r=1&amp;sq=sports%20and%20concussion&amp;st=cse&amp;scp=27</a>
2/21/14	0.87	217.5	Postconcussion syndrome in athletes. Jotwani V, Harmon KG. Curr Sports Med Rep. 2010 Jan-Feb;9(1):21-6. doi: 10.1249/JSR.0b013e3181ccb55e. Review.
2/22/14	0.2		Kraus MF, Susmaras T, Caughlin BP, Walker CJ, Sweeney JA, Little DM. White matter integrity and cognition in chronic traumatic brain injury: a diffusion tensor imaging study. Brain. 2007;130:2508-2519
2/22/14	0.7	175	Maddocks DL, Dicker GD, Saling MM. The assessment of orientation following concussion in athletes. Clin J Sport Med. 1995;5(1):32-5

Emerald Medical Consulting, LLC.  
Confidential Research Material

2/22/14	0.8	200	[Mild traumatic brain injury and postconcussive syndrome: a re-emergent questioning]. Auxéméry Y. Encephale. 2012 Sep;38(4):329-35. doi: 10.1016/j.encep.2011.07.003. Epub 2011 Aug 31. Review. French. PMID: 22980474
2/22/14	0.67	167.5	Meehan WP 3rd, Zhang J, Mannix R, et. al. Increasing Recovery Time Between Injuries Improves Cognitive Outcome After Repetitive Mild Concussive Brain Injuries in Mice. Neurosurgery. 2012 Jun 27.
2/22/14	0.97	242.5	Future advances and areas of future focus in the treatment of sport-related concussion. McCrory P. Clin Sports Med. 2011 Jan;30(1):201-8, xi-ii. doi: 10.1016/j.csm.2010.08.002. Review.
2/23/14	0.32	80	Centers for Disease Control (CDC) Nonfatal traumatic brain injuries from sports and recreation activities – United States, 2001–2005. MMWR. 2007;56:733–737.
2/23/14	2	500	Research and Review Head Games by Christopher Nowinski
2/23/14	0.6	150	Proceedings From the Ice Hockey Summit on Concussion: A Call to Action Smith, Aynsley M; Stuart, Michael J; Greenwald, Richard M; More Clinical Journal of Sport Medicine. 21(4):281-287, July 2011.
2/25/14	0.85	212.5	[The post-concussion syndrome: understanding and treating a disease process]. Stapert SZ. Tijdschr Psychiatr. 2009;51(2):107-16. Review. Dutch. PMID: 19194852
2/26/14	1.3	325	Chronic traumatic encephalopathy: a potential late effect of sport-related concussive and subconcussive head trauma. Gavett BE, Stern RA, McKee AC. Clin Sports Med. 2011 Jan;30(1):179-88, xi. doi: 10.1016/j.csm.2010.09.007. Review. PMID: 21074091
2/27/14	0.4	100	Diagnostic utility of attention measures in postconcussion syndrome. Cicerone KD, Azulay J. Clin Neuropsychol. 2002 Aug;16(3):280-9. PMID: 12607141
3/1/14	0.4	100	Iverson GL, Lovell MR, Collins MW. Interpreting change on ImPACT following sport concussion. Clin Neuropsychol. 2003;17(4):460-467.
3/1/14	0.4	100	Sports Concussion and the Risk of Chronic Neurological Impairment McCrory, Paul Clinical Journal of Sport Medicine. 21(1):6-12, January 2011.
3/1/14	0.76	190	Moser R.S, Schatz P. Enduring effects of concussion in youth athletes. Arch Clin Neuropsychol. 2002;17(1):91–100
3/2/14	0.65	162.5	Guskiewicz K.M, Bruce S.L, Cantu R, et al. Recommendations on management of sport-related concussion: summary of the National Athletic Trainers' Association position statement. Neurosurgery. 2004;55(4):891–895
3/2/14	1.3	325	Stern RA, Riley DO, Daneshvar DH, et. al. Long-term consequences of repetitive brain trauma: chronic traumatic encephalopathy. PM R. 2011 Oct;3(10 Suppl 2):S460-7.
3/3/14	0.23	57.5	Fischer J, Vaca F. Sport-related concussions in the emergency department. Top Emerg Med. 2004;26:260–266
3/3/14	2	500	Article Review and research NHL Concussion Allen Muir (11/25/13) SI.com
3/3/14	0.25	62.5	Oppenheimer DR. Microscopic lesions in the brain following head injury. J Neurol Neurosurg Psychiatr 1968; 31:299.

Emerald Medical Consulting , LLC.  
Confidential Research Material

3/3/14	0.65	162.5	Brain function decline in healthy retired athletes who sustained their last sports concussion in early adulthood. De Beaumont L1, Théoret H, Mongeon D, Messier J, Leclerc S, Tremblay S, Ellemberg D, Lassonde M.
3/4/14	0.35	87.5	Gurdjian ES. Impact Head Injury: Mechanistic, Clinical, and Preventive Correlations. Springfield, IL: Thomas; 1975.
3/5/14	1.1	275	Stern MB. Head trauma as a risk factor for Parkinson's disease. <i>Mov Disord.</i> 1991;6(2):95-7.
3/5/14	0.35	87.5	Guidelines for the management of concussion in sports. Rev May 1991. Colorado Medical Society, Denver 1991.
3/5/14	0.3	75	Williams DH, Levin HS, Eisenberg HM. Mild head injury classification. <i>Neurosurgery</i> 1990; 27:422.
3/5/14	1.3	325	Moser R.S, Schatz P, Jordan B.D. Prolonged effects of concussion in high school athletes. <i>Neurosurgery.</i> 2005;57(2):300–306
3/6/14	0.44	110	Epidemiology of collegiate injuries for 15 sports: summary and recommendations for injury prevention initiatives. Hootman JM1, Dick R, Agel J. <i>Brain.</i> 2009 Mar;132(Pt 3):695-708. doi: 10.1093/brain/awn347. Epub 2009 Jan 28.
3/8/14	0.5	125	Head injury: long-term consequences for patients and families and implications for nurses. Kneafsey R, Gawthorpe D. <i>J Clin Nurs.</i> 2004 Jul;13(5):601-8. Review
3/12/14	0.65	162.5	Sentence comprehension following moderate closed head injury in adults. Leikin M, Ibrahim R, Aharon-Peretz J. <i>J Integr Neurosci.</i> 2012 Sep;11(3):225-42.
3/15/14	0.4	100	Health Buzz: NFL Players More Prone to Brain Disease Rolfing: no longer a fringe therapy; tending your inner ecosystem By Angela Haupt <a href="http://health.usnews.com/health-news/articles/2012/09/06/health-buzz-nfl-players-more-prone-to-brain-disease">http://health.usnews.com/health-news/articles/2012/09/06/health-buzz-nfl-players-more-prone-to-brain-disease</a>
3/15/14	0.56	140	Tommasone BA, Valovich McLeod TC. Contact sport concussion incidence. <i>J Athl Train.</i> 2006;41(4):470–472
3/15/14	0.86	215	Traumatic brain injury in childhood: intellectual, behavioural and social outcome into adulthood. Cattalani R, Lombardi F, Brianti R, Mazzucchi A. <i>Brain Inj.</i> 1998 Apr;12(4):283-96.
3/17/14	1.2	300	Long-term consequences: effects on normal development profile after concussion. Daneshvar DH, Riley DO, Nowinski CJ, McKee AC, Stern RA, Cantu RC. <i>Phys Med Rehabil Clin N Am.</i> 2011 Nov;22(4):683-700, ix. doi: 10.1016/j.pmr.2011.08.009.
3/19/14	1.76	440	A novel animal model of closed-head concussive-induced mild traumatic brain injury: development, implementation, and characterization. Chen Z, Leung LY, Mountney A, Liao Z, Yang W, Lu XC, Dave J, Deng-Bryant Y, Wei G, Schmid K, Shear DA, Tortella FC. <i>J Neurotrauma.</i> 2012 Jan 20;29(2):268-80. doi: 10.1089/neu.2011.2057. Epub 2011 Dec 19. PMID: 21988140
3/20/14	1.25	312.5	Sports-related recurrent brain injuries--United States. Centers for Disease Control and Prevention (CDC). <i>MMWR Morb Mortal Wkly Rep.</i> 1997 Mar 14;46(10):224-7. PMID: 9082176
3/20/14	0.45	112.5	Almost half of adults with a head injury suffer long term disability [No authors listed] <i>BMJ.</i> 2000 Jun 17;320(7250):C.

Emerald Medical Consulting, LLC.  
Confidential Research Material

3/21/14	0.98	245	Cantu RC, Guskiewicz K, Register-Mihalik JK. A retrospective clinical analysis of moderate to severe athletic concussions. PM R. 2010 Dec;2(12):1088–1093
3/22/14	0.32	80	Gerberich S.G, Priest J.D, Boen J.R, Straub C.P, Maxwell R.E. Concussion incidences and severity in secondary school varsity football players. Am J Public Health. 1983;73(12):1370–1375.
3/22/14	2.34	585	Chronic traumatic encephalopathy: neurodegeneration following repetitive concussive and subconcussive brain trauma. Baugh CM, Stamm JM, Riley DO, Gavett BE, Shenton ME, Lin A, Nowinski CJ, Cantu RC, McKee AC, Stern RA. Brain Imaging Behav. 2012 Jun;6(2):244-54. doi: 10.1007/s11682-012-9164-5. Review. PMID: 22552850
3/22/14	0.56	140	Brain trauma and postconcussional syndrome. Verity MA, Brown WJ. Lancet. 1971 Dec 18;2(7738):1377-8.
3/22/14	1.2	300	Tashlykov V, Katz Y, Volkov A, et al. Minimal traumatic brain injury induce apoptotic cell death in mice. J Mol Neurosci. 2009 Jan;37(1):16–24.
3/25/14	0.43	107.5	Concussion discussion * Proper management reduces long-term problems AAP News 2010; 31:9 3
3/30/14	1.2	300	Rickerson J. Concussion laws: 2010. ; Available at: <a href="http://sportsconcussions.org/laws.html">http://sportsconcussions.org/laws.html</a> .
4/1/14	0.25	62.5	Johnson VE, Stewart W, Smith DH. Widespread $\tau$ and amyloid- $\beta$ pathology many years after a single traumatic brain injury in humans. Brain Pathol 2012; 22:142.
4/1/14	0.3	75	Friedman JM. Post-traumatic vertigo. Med Health R I 2004; 87:296.
4/1/14	0.56	140	Considerations for return-to-play and retirement decisions after concussion. Cantu RC, Register-Mihalik JK. PM R. 2011 Oct;3(10 Suppl 2):S440-4. doi: 10.1016/j.pmrj.2011.07.013. Review. PMID: 22035687
4/2/14	0.5	125	McMillan TM, Teasdale GM, Weir CJ, Stewart E. Death after head injury: the 13 year outcome of a case control study. J Neurol Neurosurg Psychiatry 2011; 82:931.
4/2/14	0.4	100	Lincoln AE, Caswell SV, Almquist JL, et al. Trends in concussion incidence in high school sports: a prospective 11-year study. Am J Sports Med 2011; 39:958.
4/3/14	0.32	80	Moretti L, Cristofori I, Weaver SM, et al. Cognitive decline in older adults with a history of traumatic brain injury. Lancet Neurol 2012; 11:1103.
4/3/14	0.45	112.5	[Post-concussion syndrome: myth or reality?]. Gérard JM. Rev Med Brux. 2000 Apr;21(2):85-90. Review. French. PMID: 10829600
4/4/14	0.52	130	McKee AC, Gavett BE, Stern RA, et al. TDP-43 proteinopathy and motor neuron disease in chronic traumatic encephalopathy. J Neuropathol Exp Neurol 2010; 69:918.
4/5/14	0.6	150	Tommasone BA, Valovich McLeod TC. Contact sport concussion incidence. J Athl Train. 2006;41(4):470–472.
4/6/14	0.4	100	Metting Z, Rödiger LA, Stewart RE, et al. Perfusion computed tomography in the acute phase of mild head injury: regional dysfunction and prognostic value. Ann Neurol 2009; 66:809.
4/6/14	0.65	162.5	Lawler KA, Terregino CA. Guidelines for evaluation and education of adult patients with mild traumatic brain injuries in an acute care hospital setting. J Head Trauma Rehabil 1996; 11:18.

Emerald Medical Consulting, LLC.  
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4/10/14	0.3	75	Brain Trauma In Sports May Cause A New Disease That Mimics ALS Source: Boston University Medical Center <a href="http://www.medicalnewstoday.com/articles/198135.php?sr">http://www.medicalnewstoday.com/articles/198135.php?sr</a>
4/12/14	0.7	175	Duhaime AC, Beckwith JG, Maerlender AC, et al. Spectrum of acute clinical characteristics of diagnosed concussions in college athletes wearing instrumented helmets: clinical article. J Neurosurg 2012; 117:1092.
4/12/14	1	250	Valovich McLeod TC, Bay RC, Lam KC, Chhabra A. Representative baseline values on the Sport Concussion Assessment Tool 2 (SCAT2) in adolescent athletes vary by gender, grade, and concussion history. Am J Sports Med 2012; 40:927.
4/12/14	0.54	135	Jagoda AS, Cantrill SV, Wears RL, et al. Clinical policy: neuroimaging and decisionmaking in adult mild traumatic brain injury in the acute setting. Ann Emerg Med 2002; 40:231.
4/12/14	0.45	112.5	<a href="https://faculty.washington.edu/chudler/mcon.html">https://faculty.washington.edu/chudler/mcon.html</a> Long-Term Effects of Concussions in Football Players
4/13/14	0.45	112.5	Polin RS, Gupta N. Athletic head injury. In: Evans RW, ed. Neurology and Trauma. New York, NY: Oxford University Press, USA; 2006.
4/13/14	0.68	170	Prabhu SP. The role of neuroimaging in sport-related concussion. Clin Sports Med. 2011;30(1):103–114. ix.
4/14/14	0.8	200	Gronwall D, Wrightson P. Cumulative effect of concussion. Lancet 1975; 2:995.
4/14/14	0.76	190	Cantu RC, Mueller FO. The prevention of catastrophic head and spine injuries in high school and college sports. Br J Sports Med. 2009 Dec;43(13):981–986
4/16/14	0.34	85	How Well Do Football Helmets Protect Players from Concussions? <a href="https://www.aan.com/PressRoom/home/PressRelease/1241">https://www.aan.com/PressRoom/home/PressRelease/1241</a>
4/18/14	0.46	115	Thurman D, Guerrero J. Trends in hospitalization associated with traumatic brain injury. JAMA. 1999;282(10):954–957.
4/19/14	0.63	157.5	Guskiewicz K.M, Weaver N.L, Padua D.A, Garrett W.E., Jr Epidemiology of concussion in collegiate and high school football players. Am J Sports Med. 2000;28(5):643–650.
4/20/14	0.8	200	Han SD, Drake AI, Cessante LM, et al. Apolipoprotein E and traumatic brain injury in a military population: evidence of a neuropsychological compensatory mechanism? J Neurol Neurosurg Psychiatry 2007; 78:1103.
4/20/14	0.8	200	Emergency department assessment of mild traumatic brain injury and prediction of post-concussion symptoms at one month post injury. Sheedy J, Geffen G, Donnelly J, Faux S. J Clin Exp Neuropsychol. 2006 Jul;28(5):755-72. PMID: 16723323
4/20/14	1.23	307.5	Traumatic brain injury--football, warfare, and long-term effects. DeKosky ST, Ikonomic MD, Gandy S. N Engl J Med. 2010 Sep 30;363(14):1293-6. doi: 10.1056/NEJMp1007051. Epub 2010 Sep 22. No abstract available. PMID: 2087987
4/20/14	0.95	237.5	Concussions among United States high school and collegiate athletes. Gessel LM, Fields SK, Collins CL, Dick RW, Comstock RD. J Athl Train. 2007 Oct-Dec;42(4):495-503. PMID: 18174937
4/20/14	0.6	150	Time Interval Between Concussions and Symptom Duration Pediatrics 2013; 132:1 8-17
4/23/14	1.2	300	Nampiarampil DE. Prevalence of chronic pain after traumatic brain injury: a systematic review. JAMA 2008; 300:711.
4/23/14	0.54	135	Ferrara MS, McCrea M, Peterson CL, Guskiewicz KM. A survey of practice patterns in concussion assessment and management. J Athl Train. 2001;36(2):145–149

Emerald Medical Consulting, LLC.  
Confidential Research Material

4/24/14	1	250	Shively S, Scher AI, Perl DP, Diaz-Arrastia R. Dementia resulting from traumatic brain injury: what is the pathology? Arch Neurol 2012; 69:1245.
4/24/14	1	250	Johnson VE, Stewart W, Smith DH. Widespread $\tau$ and amyloid- $\beta$ pathology many years after a single traumatic brain injury in humans. Brain Pathol 2012; 22:142.
5/1/14	0.5	125	Plassman BL, Havlik RJ, Steffens DC, et al. Documented head injury in early adulthood and risk of Alzheimer's disease and other dementias. Neurology 2000; 55:1158.
5/1/14	1.2	300	Kutner KC, Erlanger DM, Tsai J, et al. Lower cognitive performance of older football players possessing apolipoprotein E epsilon4. Neurosurgery 2000; 47:651.
5/1/14	0.52	130	Neck injuries presenting to emergency departments in the United States from 1990 to 1999 for ice hockey, soccer, and American football Br. J. Sports Med. April 1, 2005 39 e21
5/2/14	1.5	375	Neuropsychological test performance prior to and following sports-related mild traumatic brain injury. Echemendia RJ, Putukian M, Mackin RS, Julian L, Shoss N. Clin J Sport Med. 2001 Jan;11(1):23-31. PMID: 11176142
5/3/14	0.32	80	McCrea M. Standardized Mental Status Testing on the Sideline After Sport-Related Concussion. J Athl Train 2001; 36:274.
5/4/14	1.4	350	Research and Review Neuroscience: Glial Cells, Microglia, Ependymal Cells
5/4/14	1.4	350	Schmidt ML, Zhukareva V, Newell KL, et al. Tau isoform profile and phosphorylation state in dementia pugilistica recapitulate Alzheimer's disease. Acta Neuropathol 2001; 101:518.
5/5/14	2.5	625	Research and review Memory and Processing: Information Processing Model
5/5/14	1.5	375	Sivanandam TM, Thakur MK. Traumatic brain injury: a risk factor for Alzheimer's disease. Neurosci Biobehav Rev 2012; 36:1376.
5/5/14	1.3	325	Concussion History and Postconcussion Neurocognitive Performance and Symptoms in Collegiate Athletes Tracey Covassin, PhD, ATC,1 David Stearne, PhD, ATC,2 and Robert Elbin, III, MA1 J Athl Train. 2008 Mar-Apr; 43(2): 119–124. doi: 10.4085/1062-6050-43.2.119
5/5/14	0.53	132.5	Broshek D.K, Kaushik T, Freeman J.R, Erlanger D, Webbe F, Barth J.T. Sex differences in outcome following sports-related concussion. J Neurosurg. 2005;102(5):856–86
5/6/14	2.15	537.5	When to consider retiring an athlete after sports-related concussion. Sedney CL, Orphanos J, Bailes JE. Clin Sports Med. 2011 Jan;30(1):189-200, xi. doi: 10.1016/j.csm.2010.08.005. Review. PMID: 21074092
5/7/14	1.3	325	Dementia resulting from traumatic brain injury: what is the pathology? Shively S, Scher AI, Perl DP, Diaz-Arrastia R. Arch Neurol. 2012 Oct;69(10):1245-51. Review. PMID: 22776913
5/8/14	0.73	182.5	“The Spectrum of Disease in Chronic Traumatic Encephalopathy” McKee, Ann C, et al. Brain, November 2012, 135 (11)
5/10/14	0.3	75	Mori T, Katayama Y, Kawamata T. Acute hemispheric swelling associated with thin subdural hematomas: pathophysiology of repetitive head injury in sports. Acta Neurochir [Suppl] 2006;96:40–43
5/11/14	1.34	335	Injury severity and neuropsychological and balance outcomes of four college athletes. Mrazik M, Ferrara MS, Peterson CL, Elliott RE, Courson RW, Clanton MD, Hynd GW. Brain Inj. 2000 Oct;14(10):921-31

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5/11/14	1.56	390	Altered bidirectional plasticity and reduced implicit motor learning in concussed athletes. De Beaumont L, Tremblay S, Poirier J, Lassonde M, Théoret H. Cereb Cortex. 2012 Jan;22(1):112-21. doi: 10.1093/cercor/bhr096. Epub 2011 May 13. PMID: 21572090
5/12/14	0.45	112.5	"Head Impact Exposure in Youth Football" Daniel, Ray W., et al. Annals of Biomedical Engineering, February 2011
5/15/14	1	250	Sports-Related Concussion: Assessment and Management J Bone Joint Surg Am 2012; 94:17 1618-162
5/18/14	1.1	275	Traumatic Brain Injury. Center for Disease Control and Prevention 2000-2006
5/18/14	1.5	375	Conference with Dr. Rod Mafouz, psychiatrist re: treatment, Rx, for individuals with Mood Disorders due to TBI
5/21/14	0.45	112.5	Research, Review and Discuss: second impact syndrome, CTE
5/21/14	0.1	25	Research, Review and Discuss Neuroplasticity, Neurotransmitters, removal process
5/22/14	1.27	317.5	Assessment of cognitive recovery following sports related head trauma in boxers. Ravdin LD, Barr WB, Jordan B, Lathan WE, Relkin NR. Clin J Sport Med. 2003 Jan;13(1):21-7

TOTAL: \$48,107.50

# **EXHIBIT D**

DATE	Name	Title	Hours	Amount	Narrative
8/20/2013	McIlwain	Attorney	0.3	187.50	Communication with Eugene Egdorf re: Hausfeld adding Lanier Law firm and me to the pleadings & potential class representative through my Cal-Berkeley football network
8/21/2013	McIlwain	Attorney	0.1	62.50	Receipt and review of email from Lanier law firm re: Hausfeld adding us to the pleadings & potential class representative through my Cal-Berkeley football network
8/22/2013	McIlwain	Attorney	0.2	125	Communication with Eugene Egdorf re: concussion case and NCAA
8/23/2013	McIlwain	Attorney	2.5	1,562.50	NCAA research re: concussion
8/23/2013	McIlwain	Attorney	0.8	500	Communication with Girardi & Keese attorney Amanda McClintock re: concussion case in NFL
8/26/2013	McIlwain	Attorney	0.1	62.50	Receipt and review of email from Lanier law firm re: Hausfeld adding us to the pleadings & potential class representative through my Cal-Berkeley football network
8/26/2013	McIlwain	Attorney	1.5	937.50	Research Kent State

					football history and Ben Witukiewicz career and Communication with family re: representation
8/27/2013	McIlwain	Attorney	0.1	62.50	Receipt and review of email from Egdorf re: concussion case
8/29/2013	McIlwain	Attorney	0.1	62.50	Receipt and review of email re: Swathi Bojeda inquire and pleadings
8/30/2013	McIlwain	Attorney	3.0	1,875	Research medical literature on concussion and football
9/3/2013	McIlwain	Attorney	0.4	250	Receipt and review of drafted Walker complaint
9/4/2013	McIlwain	Attorney	0.2		Communication with Eugene Egdorf re: concussion complaint
9/4/2013	McIlwain	Attorney	0.3	187.50	Communication with Girardi & Keese attorney Amanda McClintock re:
9/5/2013	McIlwain	Attorney	8.0	5,000.00	Research re: pleads, potential class representatives,
9/10/2013	McIlwain	Attorney	0.5	312.50	Communication with Eugene Egdorf re: concussion case potential after EA Sport mediation
9/13/2013	McIlwain	Attorney	0.2	125	Communication with Amanda McClintock re: concussion case in NFL & NCAA comparison
9/16/2013	McIlwain	Attorney	0.8	500	Communication with Troy Taylor re: concussion case &

					Potential Cal-Berkeley Class Reps
9/17/2013	McIlwain	Attorney	0.3	187.50	Communication with Witukiewicz re: concussion case potential
9/18/2013	McIlwain	Attorney	1.8	1,125	Review Walker complaint and itemize medical research plead
10/30/2013	McIlwain	Attorney	0.2	125	Discuss w/ Dr. Kurland re: medical literature on concussion and football
11/12/13	McIlwain	Attorney	5.0	3,125	medical research
11/14/13	McIlwain	Attorney	0.3	187.50	Discuss w/ Dr. Kurland Centers for Disease Control (CDC) Sports-related recurrent brain injuries- US
11/19/13	McIlwain	Attorney	0.2	125	Discuss w/ Dr. Kurland Cerebral concussion in athletes: evaluation and neuropsychological testing.
11/28/13	McIlwain	Attorney	0.5	312.50	Research and discuss, Riddell Helmet, History and progress.
12/12/13	McIlwain	Attorney	0.3	187.50	Review local rules for filing pro hac vice application in Tennessee;
12/13/13	Saluzzi	Paralegal	2.8	420	Draft and finalize motion for pro hac vice for filing
12/13/13	McIlwain	Attorney	0.10	62.50	Review, Draft of letter to district court with motion for pro hac vice application
12/16/13	McIlwain	Attorney	2.3	1,437.50	Communicate with client re: medical

					history and records retrieval
12/18/13	McIlwain	Attorney	1.5	\$937.50	Review of file and research Kent State
12/21/13	McIlwain	Attorney	0.5	312.50	Discuss w/ Dr. Kurland neuropsychological dysfunction following repeat concussions in jockey
12/22/13	McIlwain	Attorney	0.8	500	Review medical literature
01/02/14	McIlwain	Attorney	0.5	312.50	Review of all litigation filed
01/13/14	Berry	Paralegal	0.1	15	Review Notice of correction
01/31/14	McIlwain	Attorney	0.2	125	Review Motion for preliminary injunction (PI) & Consolidation
01/31/14	Berry	Paralegal	0.2	30	Review Motions for PI, Consolidate, leave to file excess pages, forward to tm
02/04/14	McIlwain	Attorney	0.8	500	Discuss w/ Dr. Kurland medical literature & Ecf filings
02/04/14	Berry	Paralegal	0.2	30.00	Review Motion for consolidation, joinder, orders, appearance, forward to tm
02/04/14	Berry	Paralegal	0.1	15	Attorney appearance in Court
02/04/14	McIlwain	Attorney	0.25	156.25	Review filing
02/04/14	Berry	Paralegal	0.1	\$125.00	Correspondence to postpone hearing
02/05/14	Berry	Paralegal	0.1	15	Attorney appearance in Court
02/06/14	McIlwain	Attorney	0.1	\$250.00	Review email from B. Fegen;
02/07/14	McIlwain	Attorney	0.5	312.50	Review email and revised Order for Motion to joinder

02/10/14	McIlwain	Attorney	0.5	312.50	Review Email from B.Fegan
02/11/14	McIlwain	Attorney	1.2	750	Review R. Lewis email and confidentiality order
02/12/14	McIlwain	Attorney	0.8	500	Review filed Complaint and Email from Steve Berman
02/19/14	Berry	Paralegal	0.1	15	Review Motion for extension of time
02/20/14	McIlwain	Attorney	0.1	62.50	Review and revised Motion and Order for Extension of time
02/21/14	McIlwain	Attorney	0.5	312.50	Reviewed transcript
02/21/14	Berry	Paralegal	0.1	15	Review notice of Attorney appear
03/03/14	McIlwain	Attorney	0.3	187.50	Review medical literature
03/05/14	McIlwain	Attorney	0.8	500	Review article declining health of retired football players
03/17/14	McIlwain	Attorney	0.4	250	Review medical literature long term effects of concussion
03/20/14	McIlwain	Attorney	0.8	500.00	Review email from B. Fegan and Order
03/21/14	McIlwain	Attorney	0.4	250.00	Reviewed response to Motion
03/21/14	Berry	Paralegal	0.1	15	Review correspondence to adjourn hearings
04/14/14	Berry	Paralegal	0.1	15	Review Drafted Motion and Order for extension of time
04/16/14	Berry	Paralegal	0.1	15	Review Motion to appear Pro Hac Vice
04/18/14	Berry	Paralegal	0.1	15	Reviewed correspondence to reset hearing date
04/21/14	Berry	Paralegal	0.1	15	Reviewed Order on Motion to appear Pro Hac Vice

04/22/14	McIlwain	Attorney	0.3	187.50	Reviewed transcript
04/30/14	McIlwain	Attorney	0.1	62.50	Reviewed file
04/30/14	McIlwain	Attorney	0.1	62.50	Review Motion and Order for preliminary injunction
05/01/14	Berry	Paralegal	0.1	15	Reviewed filing notice
05/09/14	McIlwain	Attorney	0.1	62.50	Review filed Motion for Miscellaneous relief
05/13/14	McIlwain	Attorney	0.1	62.50	Review filed Motion to Stay
05/15/14	Berry	Paralegal	0.2	30	Reviewed Notice of Motion
05/15/14	McIlwain	Attorney	0.1	62.50	Reviewed Response in Opposition to Motion
05/22/14	Berry	Paralegal	0.1	15	Reviewed Order on Motion to stay
06/04/14	Berry	Paralegal	0.1	15	Reviewed Motion to Withdraw as attorney
06/04/14	McIlwain	Attorney	0.1	62.50	Reviewed Order on Motion to Withdraw as attorney
07/18/14	McIlwain	Attorney	0.3	187.50	Review email from Steve Berman
07/29/14	McIlwain	Attorney	0.2	125	Review email from Steve Berman with settlement instructions filed
07/29/14	McIlwain	Attorney	0.5	500	review Memorandum in Support of Motion
07/29/14	McIlwain	Attorney	0.1	62.50	Review Affidavit in Support of Motion
07/29/14	McIlwain	Attorney	0.1	62.50	Review Motion for Leave to file excess pages
07/29/14	McIlwain	Attorney	0.1	62.50	Review correspondence on status of hearing
07/30/14	McIlwain	Attorney	0.1	62.50	Reviewed Order on

					Motion for Miscellaneous relief
08/08/14	Berry	Paralegal	0.1	15	Review Notice Motion and Order for leave
08/12/14	McIlwain	Attorney	0.1	62.50	Reviewed Order on Motion for leave and memorandum
08/22/14	McIlwain	Attorney	0.1	62.50	Review response in opposition to motion and order
09/05/14	Berry	Paralegal	0.1	\$500.00	Review Notice of Motion for leave
09/08/14	McIlwain	Attorney	0.1	62.50	Reviewed Order on Motion for leave
09/08/14	McIlwain	Attorney	0.1	62.50	Review reply to Motion
10/20/14	Berry	Paralegal	0.1	\$500.00	Review Motion to Amend/Correct
10/21/14	Berry	Paralegal	0.1	\$250.00	Review Amended Motion
10/23/14	Berry	Paralegal	0.1	\$250.00	Review Order on Motion for settlement
10/23/14	McIlwain	Attorney	0.1	62.50	Review objections to Motion
11/07/14	McIlwain	Attorney	0.1	62.50	Review Motion for Miscellaneous relief
11/17/14	McIlwain	Attorney	0.1	62.50	Review Motion for leave to file
11/18/14	McIlwain	Attorney	0.1	62.50	Review Order on Motion for miscellaneous relief
12/15/14	Berry	Paralegal	0.1	15	Review Motion for miscellaneous relief
12/15/14	McIlwain	Attorney	0.1	62.50	Review Memorandum and Declaration in Support of Motion
12/15/14	McIlwain	Attorney	0.1	62.50	Review Motion to second document
12/16/14	McIlwain	Attorney	0.1	62.50	Review Order on Motion to seal document
12/17/14	McIlwain	Attorney	0.1	62.50	Review Order on

					Motion for settlement and Memorandum opinion
01/07/15	McIlwain	Attorney	0.1	62.50	Review Amended Complaint
01/12/15	McIlwain	Attorney	0.1	62.50	Review Order on Motion for miscellaneous relief
01/14/15	McIlwain	Attorney	0.1	62.50	Review Motion and Memorandum in opposition to motion
01/26/15	Berry	Paralegal	0.1	15	Review Motion to set a briefing schedule
01/28/15	McIlwain	Attorney	0.1	62.50	Review Answer to Amended Complaint
01/28/15	Berry	Paralegal	0.1	\$250.00	Review Motion for miscellaneous relief
02/04/15	McIlwain	Attorney	0.1	62.50	Review Order on Motion for miscellaneous relief
02/10/15	McIlwain	Attorney	0.5	\$312.50	Review memorandum in opposition to motion
02/17/15	Berry	Paralegal	0.1	15	Review Motion for extension of time
02/17/15	McIlwain	Attorney	0.1	62.50	Review reply to response to motion
02/23/15	Berry	Paralegal	0.1	15	Review an Order on Motion for ext. of time
03/31/125	McIlwain	Attorney	0.1	62.50	Review memorandum in support of Motion
04/14/15	Berry	Paralegal	0.1	\$500.00	Review motion for leave
04/14/15	McIlwain	Attorney	0.1	62.50	Review memorandum in support of motion
04/14/15	Berry	Paralegal	0.1	\$250.00	Review notice for sealed document

04/14/15	Berry	Paralegal	0.1	\$500.00	Review Motion for settlement
04/14/15	McIlwain	Attorney	0.1	62.50	Review memorandum in support of motion
04/14/15	McIlwain	Attorney	0.1	62.50	Review Affidavit in support of motion
04/14/15	Berry	Paralegal	0.1	\$750.00	Review Notice of motion and Motion to seal document
04/14/15	McIlwain	Attorney	0.1	62.50	Review memorandum and notice in support of motion
04/17/15	McIlwain	Attorney	0.1	62.50	Review Order on motion for leave to file
04/20/15	McIlwain	Attorney	0.3	187.50	Review amended complaint
04/22/15	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion for leave
04/23/15	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion for leave to file
04/27/15	McIlwain	Attorney	0.1	62.50	Forward notice to Court of change of address
05/07/15	McIlwain	Attorney	0.1	62.50	Review and filed answer to amended complaint
05/08/15	Berry	Paralegal	0.1	15	Review notice and motion for leave to file excess pages
05/08/15	McIlwain	Attorney	0.1	62.50	Review response to motion
05/14/15	Berry	Paralegal	0.1	15	Reviewed Order on motion for leave to file excess pages
05/27/15	McIlwain	Attorney	0.1	62.50	Reviewed response in opposition to motion
06/10/15	Berry	Paralegal	0.1	15	Review response and motion for extension of time

06/11/15	Berry	Paralegal	0.1	15	Review response and Order on Motion for extension of time
06/19/15	Berry	Paralegal	0.1	15	Review Notice of Motion revised Motion for extension of time and reviewed response
06/23/15	Berry	Paralegal	0.1	15	Review filing Attorney appear
07/02/15	Berry	Paralegal	0.1	15	Review filing Attorney appear
07/06/15	Berry	Paralegal	0.1	15	Review Order on motion for miscellaneous relief
07/08/15	Berry	Paralegal	0.1	15	Review correspondence to Court to set/rest hearings
07/15/15	Berry	Paralegal	0.1	15	Review notice of motion and motion for leave to file excess pages
07/15/15	McIlwain	Attorney	0.1	62.50	Review response in opposition to motion
07/21/15	Berry	Paralegal	0.1	15	Review stipulation
07/22/15	Berry	Paralegal	0.1	15	Review Order on motion for leave to file excess pages
08/12/15	Berry	Paralegal	0.1	15	Review notice of motion and motion for leave to file
08/12/15	McIlwain	Attorney	0.1	62.50	Determined and rectified electronic NEF bounce bank for documents
08/18/15	Berry	Paralegal	0.1	15	reviewed Order on motion for leave to file
08/20/15	Berry	Paralegal	0.1	15	Review notice of attorney appear
08/28/15	Berry	Paralegal	0.1	15	Review notice of motion, motion to

					withdraw as attorney and Order on motion to withdraw as attorney
09/11/15	Berry	Paralegal	0.1	15	Review motion to withdraw as attorney
09/14/15	Berry	Paralegal	0.1	15	Review notice of motion and motion for leave to file
09/14/15	Berry	Paralegal	0.1	15	review response for motion
09/14/15	Berry	Paralegal	0.1	15	Review filed notice of motion and motion for leave to file
09/14/15	Berry	Paralegal	0.1	15	Review response and Order on motion to withdraw as attorney
09/22/15	Berry	Paralegal	0.1	15	Review Response and Certification of service
09/24/15	Berry	Paralegal	0.1	15	Review notice of motion and motion for extension of time to file response and reply
09/25/15	Berry	Paralegal	0.1	15	Review Order on motion for extension of time to file response and reply
10/12/15	Berry	Paralegal	0.1	15	Review notice of motion, motion for leave to file excess pages and reply
10/13/15	Berry	Paralegal	0.1	15	Review order on motion for leave to file excess pages
11/05/15	Berry	Paralegal	0.1	15	Review filing
11/16/15	Berry	Paralegal	0.1	15	Review notice of motion and motion for leave to file

11/17/15	Berry	Paralegal	0.1	15	Review Order on motion for leave to file and reviewed response on same
01/26/16	McIlwain	Attorney	0.1	62.50	Review memorandum opinion and order on motion for settlement
02/29/16	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion to supplement
03/01/16	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion to withdraw
03/02/16	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion for leave to file
03/03/16	McIlwain	Attorney	0.1	62.50	Review submitted order on motion to supplement
03/23/16	McIlwain	Attorney	0.1	62.50	Review notice of motion and motion for extension of time
04/05/16	Berry	Paralegal	0.1	\$250.00	Review order on motion for extension of time and terminated hearings
05/19/16	Berry	Paralegal	0.1	15	Review motion to withdraw as attorney
05/20/16	McIlwain	Attorney	0.1	62.50	Review motion for settlement and memorandum in support of motion
05/24/16	McIlwain	Attorney	0.1	62.50	Review response to motion and memorandum for settlement
05/25/16	Berry	Paralegal	0.1	15	Review Status hearing in the matter
05/25/16	McIlwain	Attorney	0.1	62.50	Review letter to the Court along with a

					revised Order on motion to withdraw as attorney
07/14/16	Berry	Paralegal	0.1	\$750.00	Review Attorney appearance in Court to review status
07/15/16	McIlwain	Attorney	1.0	625	Review 14 pages of memorandum of opinion order on motion for settlement, hearing reset and protective order
07/15/16	Berry	Paralegal	0.1	15	Review protective order and drafted correspondence to Court for setting or resetting hearings in this matter
07/25/16	Berry	Paralegal	0.1	15	Review Attorney appearance in Court
07/28/16	Berry	Paralegal	0.1	15	Review Attorney appearance in Court
08/19/16	Berry	Paralegal	0.1	15	Review attorney appearance in Court
08/19/16	Berry	Paralegal	0.1	15	Review notice of motion, motion to reassign case and order on motion to reassign case
08/22/16	Berry	Paralegal	0.1	15	Review Attorney appearance in court
10/05/16	Berry	Paralegal	0.1	15	Review notice of motion, motion for miscellaneous relief and Order on motion for miscellaneous relief
10/07/16	McIlwain	Attorney	0.1	62.50	Review motion for miscellaneous relief and Order for motion for miscellaneous relief
10/07/16	McIlwain	Attorney	0.5	312.50	Review an amended complaint

10/13/16	Berry	Paralegal	0.1	15	Review a notice of motion and a motion to amend/correct
10/21/16	McIlwain	Attorney	0.1	62.50	Review a request for a status report and electronically filed with Court
11/15/16	McIlwain	Attorney	0.1	62.50	Review notice from ECF re: counsel of record update
11/16/16	McIlwain	Attorney	0.1	62.50	Review notice from ECF re: counsel of record update
11/17/16	McIlwain	Attorney	0.1	62.50	Review notice from ECF re: counsel of record update
11/28/16	McIlwain	Attorney	0.1	62.50	Review Berman Motion
11/29/16	McIlwain	Attorney	0.1	62.50	Review notice of appearance
11/30/16	McIlwain	Attorney	0.1	62.50	Review Minute entry re: Motion to pay settlement expenses & transfer order
12/08/16	McIlwain	Attorney	0.1	62.50	Review notice of correction
12/09/16	McIlwain	Attorney	0.1	62.50	Review Berman Motion
12/13/16	McIlwain	Attorney	0.1	62.50	Review Transcript
12/13/16	Berry		0.1	62.50	Review Minute entry
12/16/16	McIlwain	Attorney	0.1	62.50	Review Notice of Motion
12/16/16	Berry	Paralegal	0.1	15	Review Berman Motion
12/19/16	McIlwain	Attorney	0.1	62.50	Review Minute entry
12/23/16	McIlwain	Attorney	0.1	62.50	Review Berman response
12/27/16	McIlwain	Attorney	0.1	62.50	Review motion to quash and diary calendar for motion filing
12/27/16	Berry	Paralegal	0.1	15	General - update

					internal docket, calendar deadline and send to tm
*11/2/2013 to 5/22/14	Kurland	Paralegal	96	14,400	See McIlwain Declaration with attached resume and itemization of time & detail of task as Exhibit B and Exhibit C
TOTALS		150.75		43,539.25	

## McIlwain, LLC-Expenses

<b>Date</b>	<b>Name</b>	<b>Category</b>	<b>Description</b>	<b>Amount</b>	<b>Narrative</b>
11/28/2013	McIlwain	Filing	Certificate of Good standing	\$10	Certificate of Good standing; Clerk of the Supreme Court of New Jersey Cert. of Good Standing
11/28/2013	McIlwain	Filing	Certificate of Good standing	\$18	Certificate of Good standing; Clerk of U.S. District Court Cert. of Good Standing
11/28/2013	Saluzzi	Messenger,	Delivery and Courier	\$8.50	US Postal service
11/28/2013	Saluzzi	Messenger,	Delivery and Courier	\$8.50	US Postal service
12/16/2013	Saluzzi	Messenger,	Delivery and Courier	\$17.35	Fedex to U.S. District Court for the Eastern District of Tennessee
12/16/2013	McIlwain	Court admission fees		\$90	Filing fee for Eastern District of Tennessee pro hac vice application
10/14/2016	McIlwain	Pacer usage		\$34	PACER
10/14/2016	Berry	Photocopies		\$120.10	Copies of file contents from staples
<b>TOTALS</b>				<b>\$306.45</b>	